Hearing and Speech Sciences, Minor

A minor in Hearing and Speech Sciences will provide in-depth training for undergraduates interested in becoming scientists and/or clinicians in health-related fields. This minor will help stimulate students' interest in hearing and speech as well as increase their opportunities to be admitted to postgraduate programs in audiology, speech-language pathology, biomedical engineering, psychology, neuroscience, medicine and other allied areas.

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Hearing and Speech Sciences Minor Requirements

A. Complete the following:	
BIO SCI N110	Neurobiology and Behavior
or PSYCH 160A	Introduction to Cognitive Neuroscience
B. Statistic course(s) selected from the following: [1]	
STATS 120A- 120B- 120C	Introduction to Probability and Statistics I and Introduction to Probability and Statistics II and Introduction to Probability and Statistics III
PSYCH 10A- 10B- 10C	Exploratory Data Analysis and Probability and Inference and Statistical Models
SOC SCI 10A- 10B- 10C	Probability and Statistics in Social Sciences I and Probability and Statistics in Social Sciences II and Probability and Statistics in Social Sciences III
STATS 7	Basic Statistics
STATS 8	Introduction to Biological Statistics
PUBHLTH 7A	Public Health Statistics I
C. Complete the following:	
BIO SCI N147	Hearing and the Brain
D. Complete four courses from the following categories, with at least one course from each category:	
Category I:	
MATH 3A	Introduction to Linear Algebra
or MATH 113A	Mathematical Modeling in Biology I
I&C SCI 31	Introduction to Programming
An additional statistics or probability course beyond Requirement B (listed above).	
Category II:	
LSCI 3	Introduction to Linguistics
LSCI 10	Introduction to Phonology
PSYCH 56L	Acquisition of Language (same as LINGUIS 51)
PSYCH 150	Psychology of Language (same as LINGUIS 155)
Category III:	
BIO SCI N152	Developmental Neurobiology
PSYCH 131B	Hearing
PSYCH 161	Language and the Brain
E. Research Requirement - one quarter of research experience mentored by a CHR member (others may be allowed with prior approval). One year of research is highly recommended: [2]	
BME 199	Individual Study
BIO SCI 199	Independent Study in Biological Sciences Research
MATH 199A	Special Studies in Mathematics
or MATH 199B	Special Studies in Mathematics
or MATH 199C	Special Studies in Mathematics
PSYCH 199	Independent Study

[1] For students with majors within the School of Social Sciences, one statistics course in addition to the School requirement must be completed. For students with majors outside of the School of Social Sciences, at least one statistics course is required. Other statistics courses may be approved for substitution.

[2] Note: BIO SCI 194S is a prerequisite to BME 199 and BIO SCI 199.

Residency Requirement: A minimum of five courses required for the minor must be completed at UCI. Approved courses taken in the Education Abroad Program are considered to be in-residence courses.

- Cognitive Sciences, B.S.
- Cognitive Sciences, Ph.D.
- Psychology, B.A.
- Psychology, B.S.
- Psychology, Minor